

## Kacy Murillo (adpce.ad)

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**Subject:** RE: NABORS Landfill Site Visit

**From:** Caleb Gourley [<mailto:cgourley@harborenv.com>]  
**Sent:** Monday, January 16, 2023 1:52 PM  
**To:** Clay McDaniel (adpce.ad)  
**Subject:** NABORS Landfill Site Visit

**AFIN:** 03-00051

**PMT#:** 0249-S1-R2

**Received**

By Kacy Murillo at 10:36 am, Jan 18, 2023

**DOC ID#:** 83187

**TO:** MM>FILE <KM

Hey Clay,

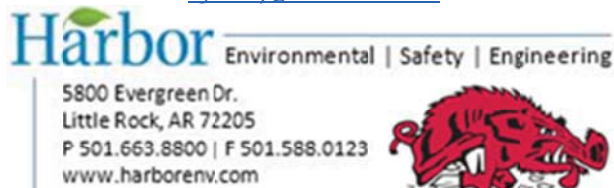
Attached is the inspection memo from the bi-weekly site visit conducted on January 13, 2023.

If you have any questions, please let us know.

Thank you,

Caleb Gourley, *Project Manager*

C 501.351.0884 · [cgourley@harborenv.com](mailto:cgourley@harborenv.com)



**DATE:** January 16, 2023

**TO:** Clay McDaniel, Project Manager, DEQ - Office of Land Resources

**FROM:** Caleb Gourley, Project Manager, Harbor

**RE:** Bi-weekly Site Inspection  
NABORS Landfill  
Mountain Home, AR

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Harbor visited the NABORS landfill in Mountain Home, Arkansas on January 13, 2023, to conduct the bi-weekly landfill inspection. Findings and observations from the landfill inspection are summarized below:

- There were approximately 6.5 inches of stormwater observed in the tank containment. The pH was measured at 8.70, and approximately 2.0 inches of stormwater was released while Harbor was on site (see photographs 1-2).
- The leachate tank level was at 101.4 inches. The system shuts off leachate collection when the tanks reach 116 inches.
- VLCS-1 and VLCS-2 appear to be functioning correctly.
- LCS-1 displayed a message reading, "Autotest in progress" (see photograph 3)
- LCS-3, LCS-4, LCS-6, LCS-7, and LCS-9 had no alarms and appeared to be functioning correctly.
- LCS-5 had a pump fault alarm, and the red strobe was activated.
- LCS-2 had a high alarm.
- LCS-8 had a pump fault alarm.
- A piece of torn closure turf and a damaged vent pipe were observed near LCS-1. A turbine vent remains detached near LCS-6 (see photographs 4-5).

Photographs are included in Attachment A. A copy of the field notes and the leachate collection system status form are included in Attachment B.

**Attachments:**

*Attachment A – Site Photographs*

*Attachment B – Leachate Collection System Status Form*

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**Attachment A**  
**Site Photographs**

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**Photograph 1:** View north of leachate tank containment.



**Photograph 2:** View west of leachate tank containment.



**Photograph 3:** View of LCS-1 error message.



**Photograph 4:** View of damaged vent pipes near LCS-1.




**Photograph 5:** View of damages turbine vent near LCS-6


**Attachment B**

**Field Notes and Leachate Collection System  
Status Inspection Form**

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Nabors Landfill		12/30/22
Bi-weekly leachate management		
weather: 50's, partly cloudy		
1113:	C. Gowley on-site	
1118:	Arrive at VLCS-2	
1121:	Arrive at VLCS-1	
	- sump at capacity	
1125:	Arrive at tank containment	
	- tank level 116.0"	
	- 7" of stormwater @ pH of 8.49	
1131:	Arrive at LCS-1	
	- reads station ok but not working in hand or auto	
1136:	Arrive at LCS-2	
1139:	Arrive at LCS-3	
1141:	Arrive at LCS-4	
1144:	Arrive at LCS-5	
1150:	Arrive at LCS-9	
1154:	Arrive at LCS-8	
1157:	Arrive at LCS-7	
1159:	Arrive at LCS-6	
1207:	C. Gowley off-site	
		

Nabors Landfill		1/13/23
Bi-weekly leachate management		
weather: 40's, cloudy, breezy		
1135:	C. Gowley on-site	
1137:	Arrive at VLCS-2	
1140:	Arrive at VLCS-1	
1143:	Arrive at tank containment	
	- tank level @ 101.4"	
	- 6.5" of sw in containment	
	- pH @ 8.70	
1147:	Arrive at LCS-1	
	- station reads "diagnostic in progress"	
1151:	Arrive at LCS-2	
1153:	Arrive at LCS-3	
1155:	Arrive at LCS-4	
1157:	Arrive at LCS-5	
1201:	Arrive at LCS-9	
1205:	Arrive at LCS-8	
1207:	Arrive at LCS-7	
1209:	Arrive at LCS-6	
1218:	C. Gowley off-site	
		





Leachate Collection System Status

Date: 1/13/23 Arrival Time: 1135 Location: NABORS Landfill Leachate Tank Battery Level (inches): 6.5"  
 Weather Conditions: cloudy, 40's, breezy

Panel Number	Display Functioning (Yes/No)	Leachate Level (inches)	Green Flashing? (Yes/No)	Amber Flashing? (Yes/No)	Red Flashing? (Yes/No)	Working in Hand? (Yes/No)	Working in Auto? (Yes/No)	VFD Status	Hours	Alarm	Comments	
VLCS-1	N/A	N/A	N/A	N/A	~	Y	Y	N/A	N/A	N/A	Sump status:	1/2 full
VLCS-2	N/A	N/A	N/A	N/A	~	Y	Y	N/A	N/A	N/A	Sump status:	1/2 full
LCS-1	Y	-	-	-	-	-	-	-	-	-	"Autotest in progress"	
LCS-2	Y	1.5	Y	~	~	Y	Y	-	274	Y	High Alarm	
LCS-3	Y	35.1	~	~	~	Y	Y	✓	60	~	Station ok	
LCS-4	Y	22.2	~	~	~	Y	Y	✓	210	~	" "	
LCS-5	Y	23.5	~	~	~	~	~	-	8	Y	Pump fault	
LCS-6	Y	16.8	~	~	~	Y	Y	✓	26	~	Station ok	
LCS-7	Y	12.4	~	~	~	Y	Y	✓	28	~	" "	
LCS-8	Y	9.7	~	~	~	Y	⊗~	-	680	Y	Pump fault	
LCS-9	Y	2.9	~	~	~	Y	Y	✓	211	~	Station ok	
General Comments:												